

Form PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)



				Complete if Known	
Application Number				10/046,331	
Filing Date				January 14, 2002	
First Named Inventor				Koji IKEDA	
Art Unit				2834	
Examiner Name				Jaydi A. Aguirrechea	
Confirmation No.				2811	
Attorney Docket No.				796 009	

Sheet	1	of	1
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## U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
<i>ja</i>	AN	2002/0051326 A1	5/2/2002	Shiraishi et al.		360	244.4	10/10/01

## U.S. CO-PENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

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Examiner:	<i>Aguirrechea</i>	Date Considered:	10/29/03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Any Docket No. <b>796_009</b>	Serial No. <b>10/046,331</b>
	Applicant <b>Koji IKEDA and Kazuyoshi SHIBATA</b>	
Filing Date <b>January 14, 2002</b>		Group <b>2834</b>

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### PATENT DOCUMENTS

Source Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	AA 6,198,606 B1	03/06/2001	Boutaghou et al.	360	294	03/30/2000
	AB 6,246,552 B1	06/12/2001	Soeno et al.	360	294.3	09/30/1997
	AC 5,745,319	04/28/1998	Takekado et al.	360	78.05	04/27/1995
	AD 5,781,381	07/14/1998	Koganezawa et al.	360	294.3	10/09/1996

### U.S. COPENDING PATENT APPLICATIONS

Form Initial	Document Number	Filing Date	Name	Class	Sub Class
AE	09/661,881	09/14/2000	Takeuchi et al.		
AF	09/671,669	09/27/2000	Takeuchi et al.		
AG	09/677,304	09/29/2000	Takeuchi et al.		
AH	09/676,209	9/29/2000	Takeuchi et al.		

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	IPC	Translation	Abstract
AJ	10-136665	05/22/1998	JP	H02N 002/10		
AJ	63-64640	03/23/1988	JP	G11B 007/09		
AK	WO98/19304	09/30/1997	WO	G11B 021/10		✓

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

AI.	"Piezoelectric Piggy-Back Microactuator for Hard Disk Drive," Soeno et al., <i>IEEE Transactions on Magnets</i> , Vol. 35, No.2, March 1999, pp. 983-987.
AM	"Dual-Stage Actuator System for Magnetic Disk Drives Using a Shear Mode Piezoelectric Microactuator," Koganezawa et al., <i>IEEE Transactions on Magnets</i> , Vol. 35, No.2, March 1999, pp. 988-992.
Examiner	Date Considered 01/29/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.